

View Online at <https://aerobasegroup.com/nsn/5962-01-373-7907>

**Body Length:**

0.540 inches

**Body Width:**

Between 0.245 inches and 0.300 inches

**Body Height:**

Between 0.045 inches and 0.092 inches

**Maximum Power Dissipation Rating:**

149.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**Features Provided:**

Hermetically sealed and burn in and w/clear and w/clock and schottky and low power

**Inclosure Material:**

Ceramic and glass

**Inclosure Configuration:**

Flat pack

**Output Logic Form:**

Transistor-transistor logic

**Input Circuit Pattern:**

10 input

**Design Function And Quantity:**

8 flip-flop, d-type

**Case Outline Source And Designator:**

F-9 mil-m-38510

**Terminal Surface Treatment:**

Solder

**Voltage Rating And Type Per Characteristic:**

0.5 volts output logic low and 7.0 volts power source

**Time Rating Per Characteristic:**

42.00 nanoseconds propagation delay time, low to high level output and 42.00 nanoseconds propagation delay time, high to low level output

**Terminal Type And Quantity:**

20 flat leads

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

Yes - demil/mli

**Fiig:**

A458a0